

Ad quadratum; a study of the geometrical bases of classic & medieval religious architecture, with special reference to their application in the restoration of the cathedral of Nidaros (Thronhjem) Norway, by Fredrik Macody Lund; profusely illustrated by plans, sections, views and details of notable temples, churches, cathedrals & other buildings in Greece, Italy, Germany, Denmark, France, England & Norway.

Lund, Fredrik Macody, 1863-1943.

London, B. T. Batsford, 1921.

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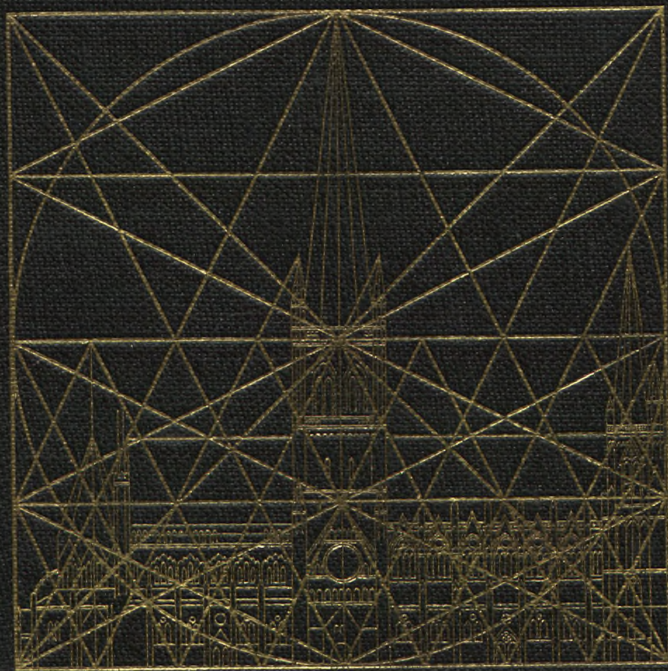
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AD QUADRATUM

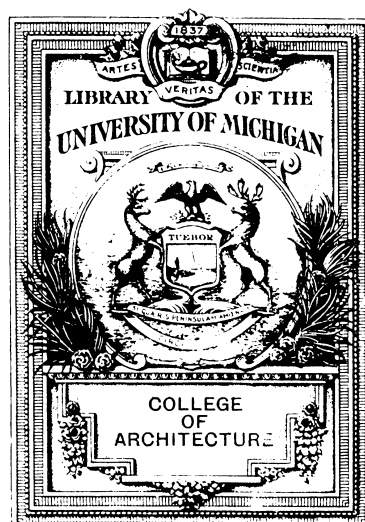
A STUDY OF THE GEOMETRICAL
BASES OF CLASSIC & MEDIEVAL
RELIGIOUS ARCHITECTURE



BY
FREDRIK MACODY LUND

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Planche I.

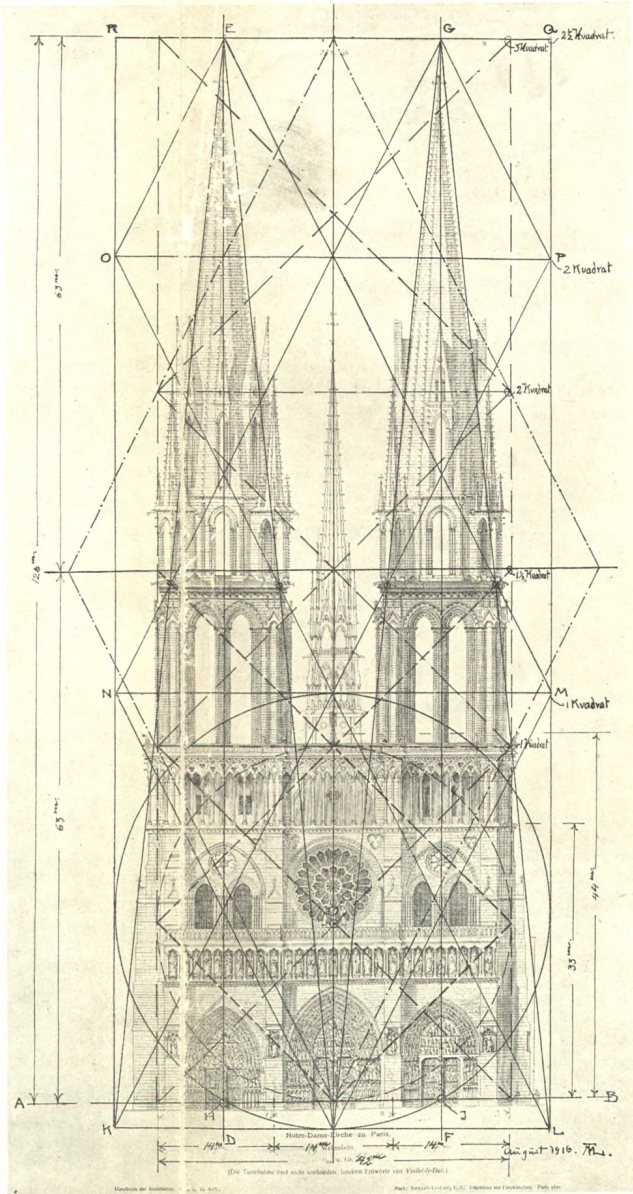


Fig. 55. Cathedral of Notre-Dame in Paris. West front.

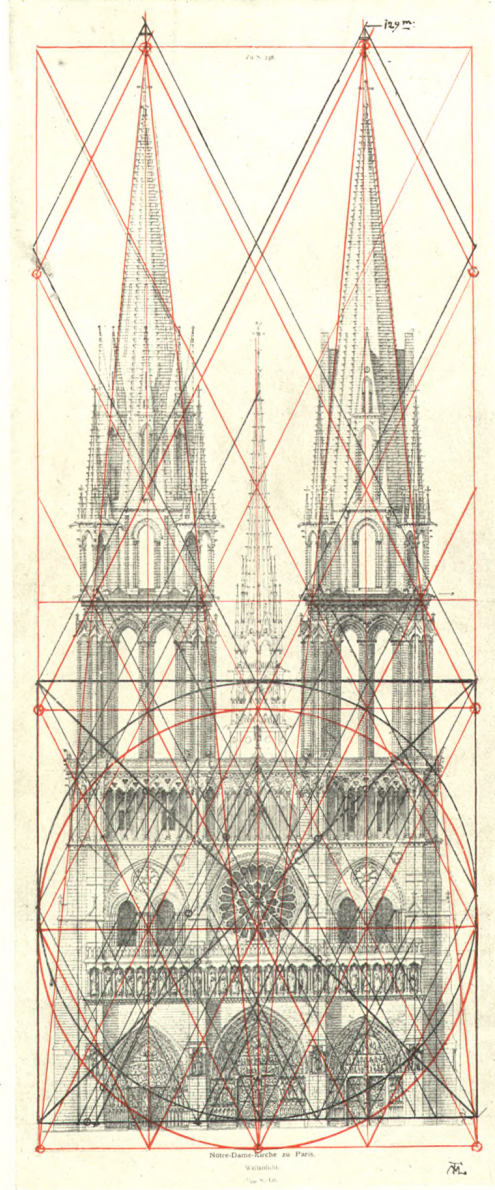


Fig. 56. Cathedral of Notre-Dame in Paris. West front.

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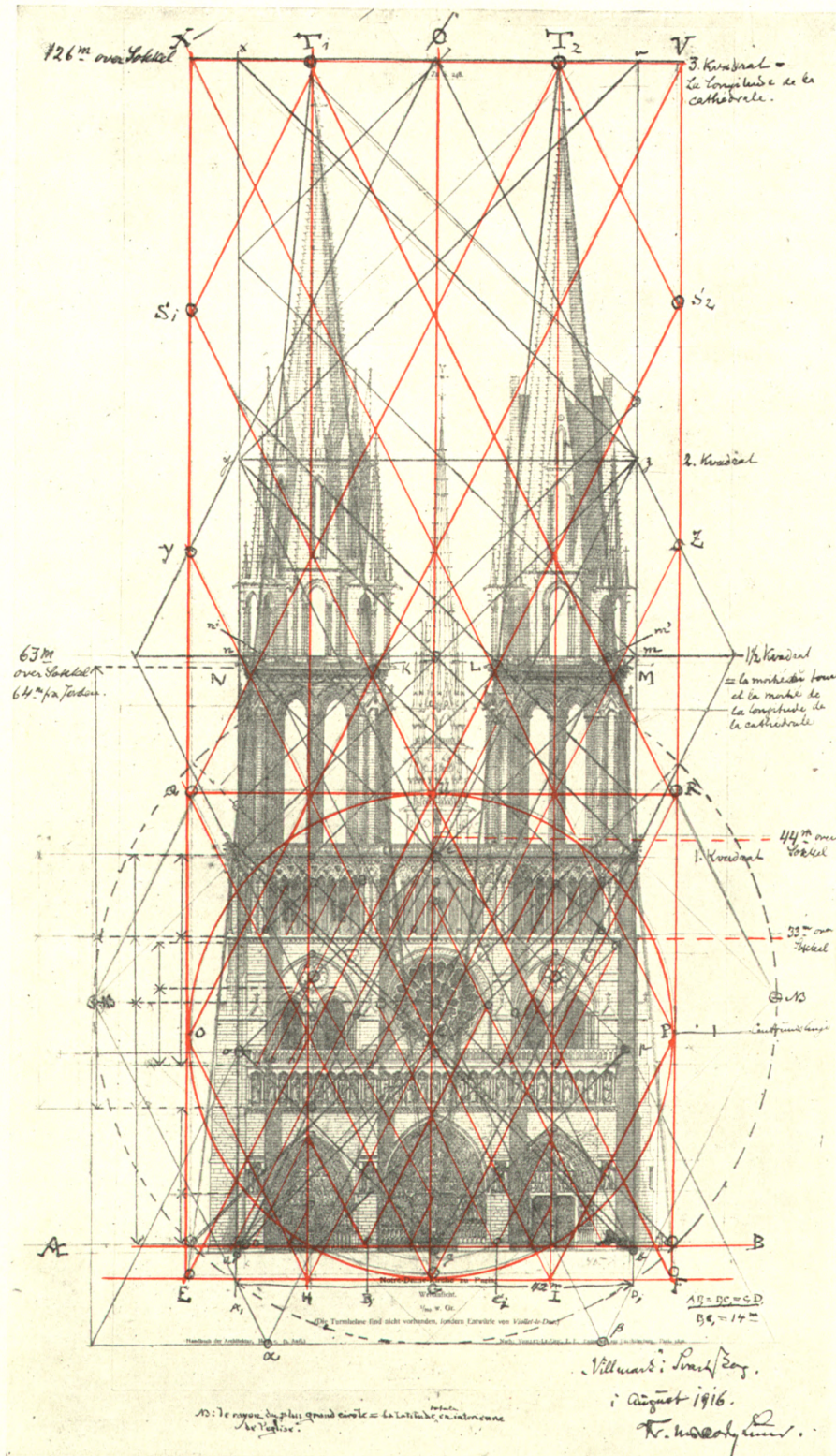
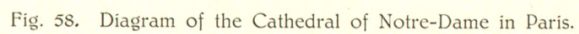


Fig. 57. Cathedral of Notre-Dame in Paris. West front.



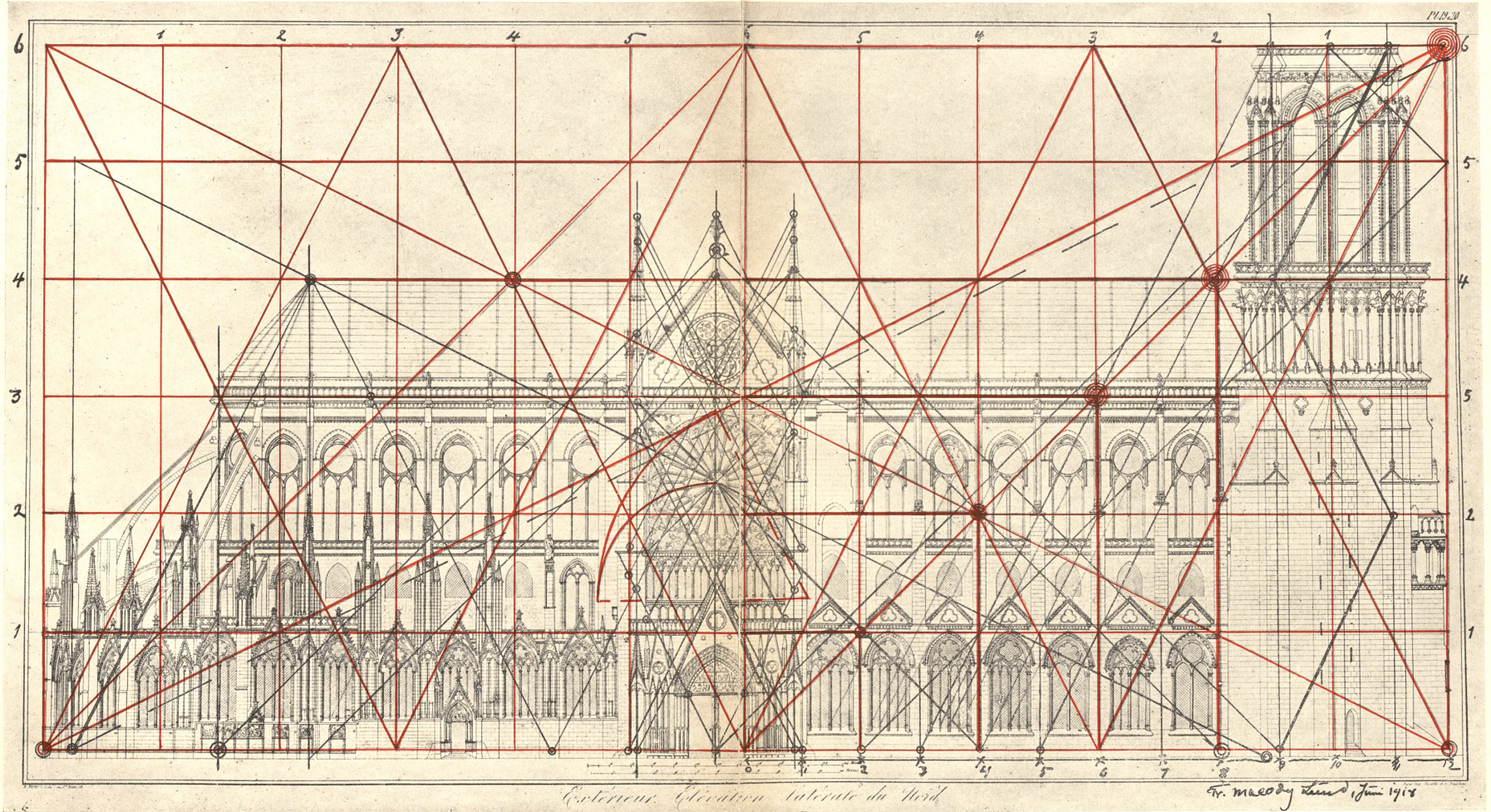


Fig. 59. Cathedral of Notre-Dame in Paris. North elevation after Viollet-le-Duc and Lassus.

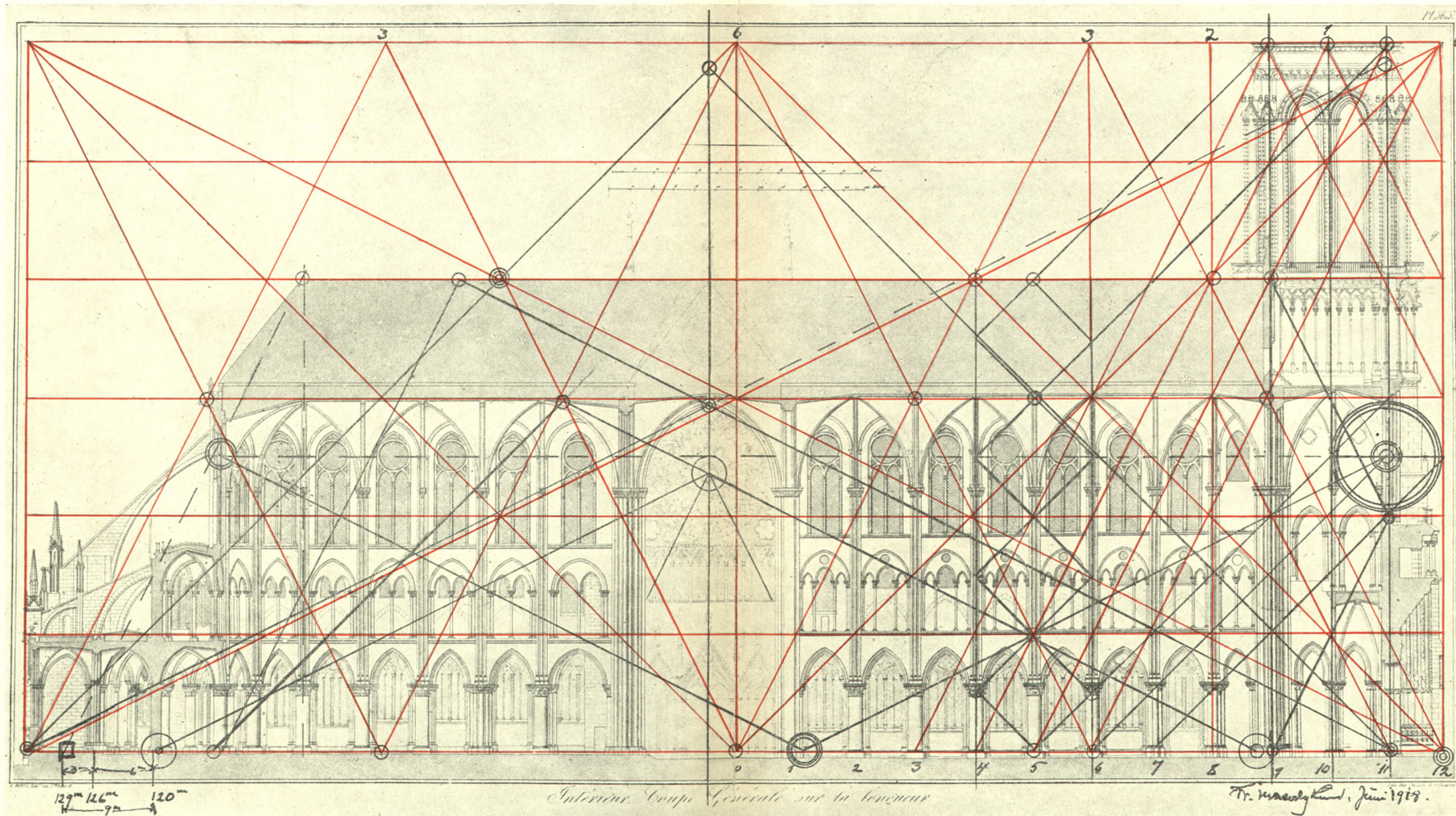


Fig. 60. Cathedral of Notre-Dame in Paris. Longitudinal section.

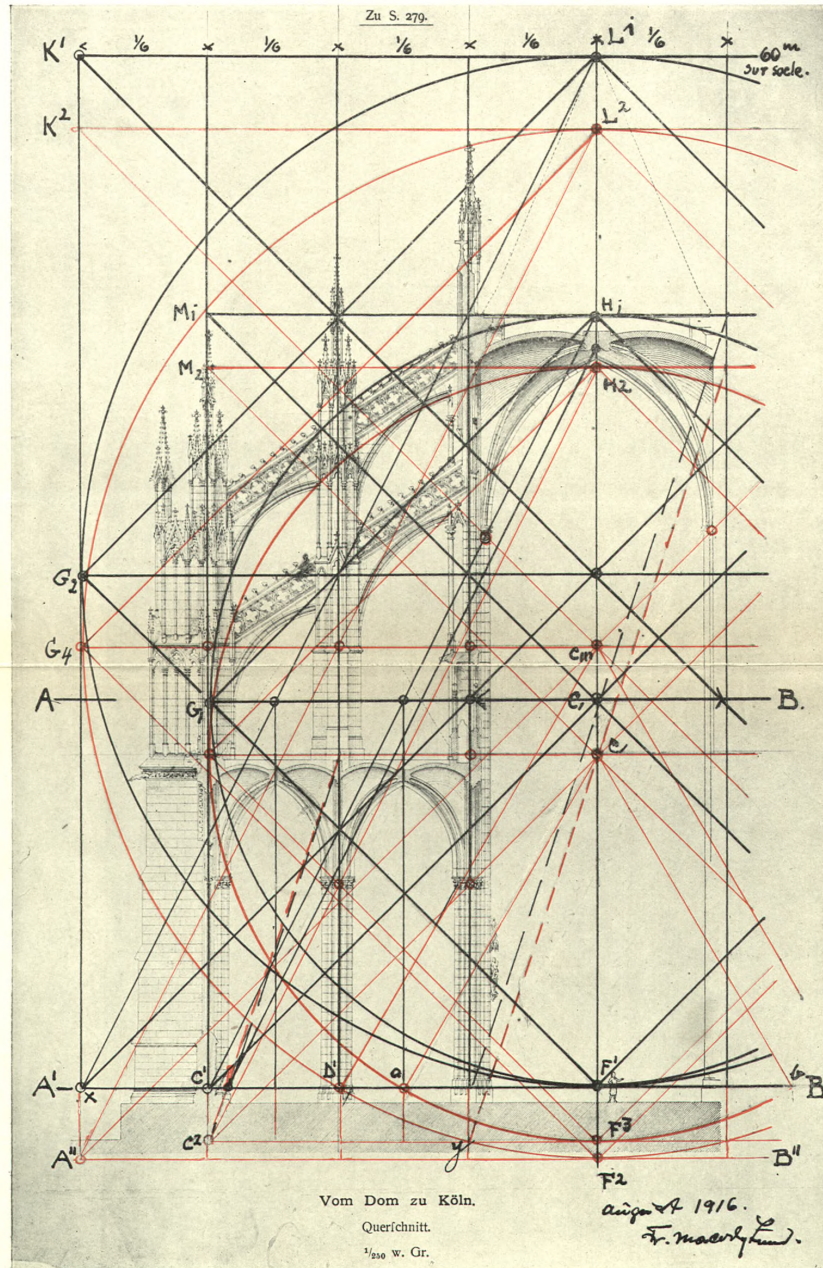


Fig. 71. The cathedral of Cologne. Transverse section.

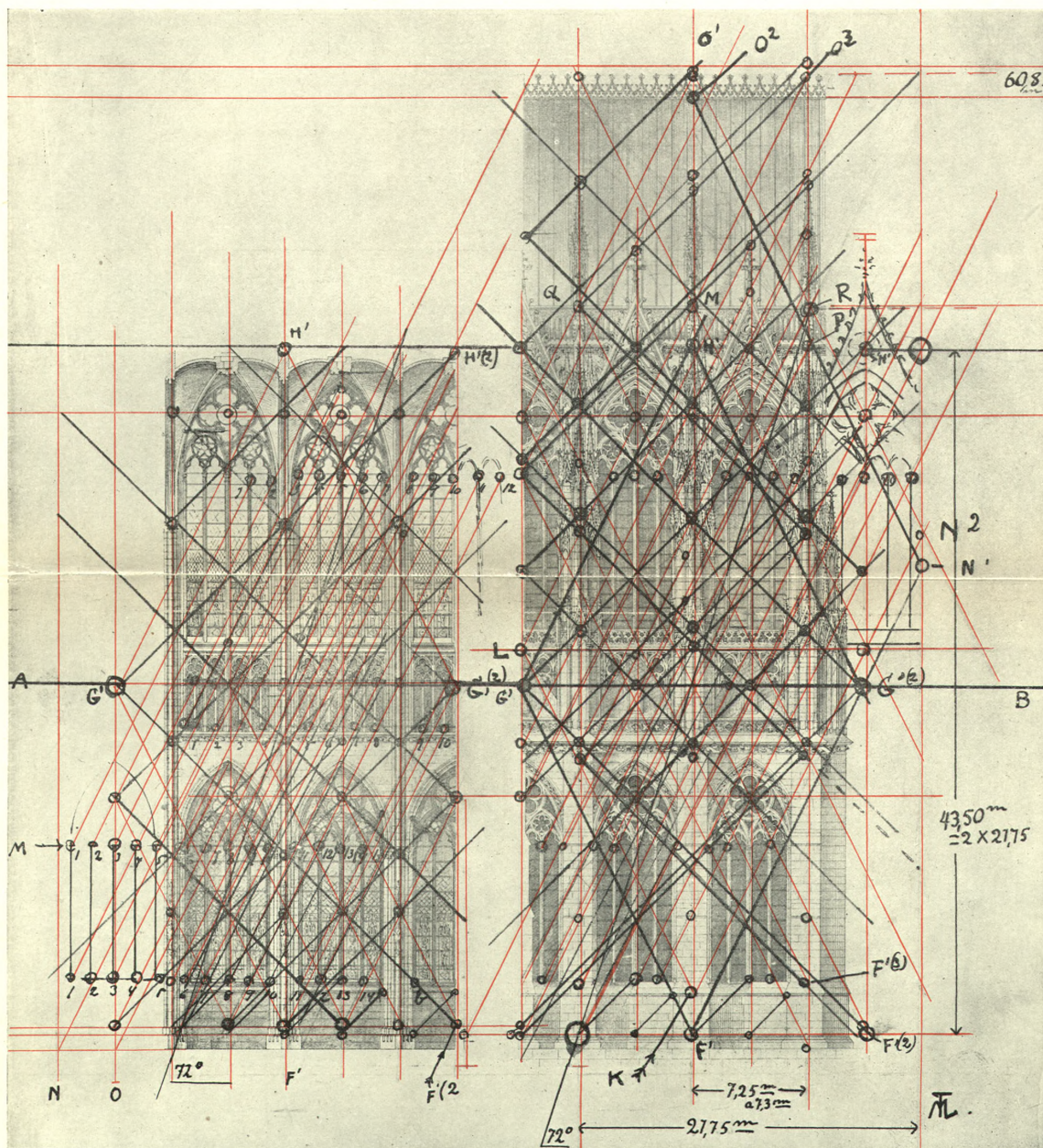


Fig. 72 a. The cathedral of Cologne. $2\frac{1}{2}$ trestle of the interior.

Fig. 72 b. The cathedral of Cologne. $2\frac{1}{2}$ trestle of the exterior.

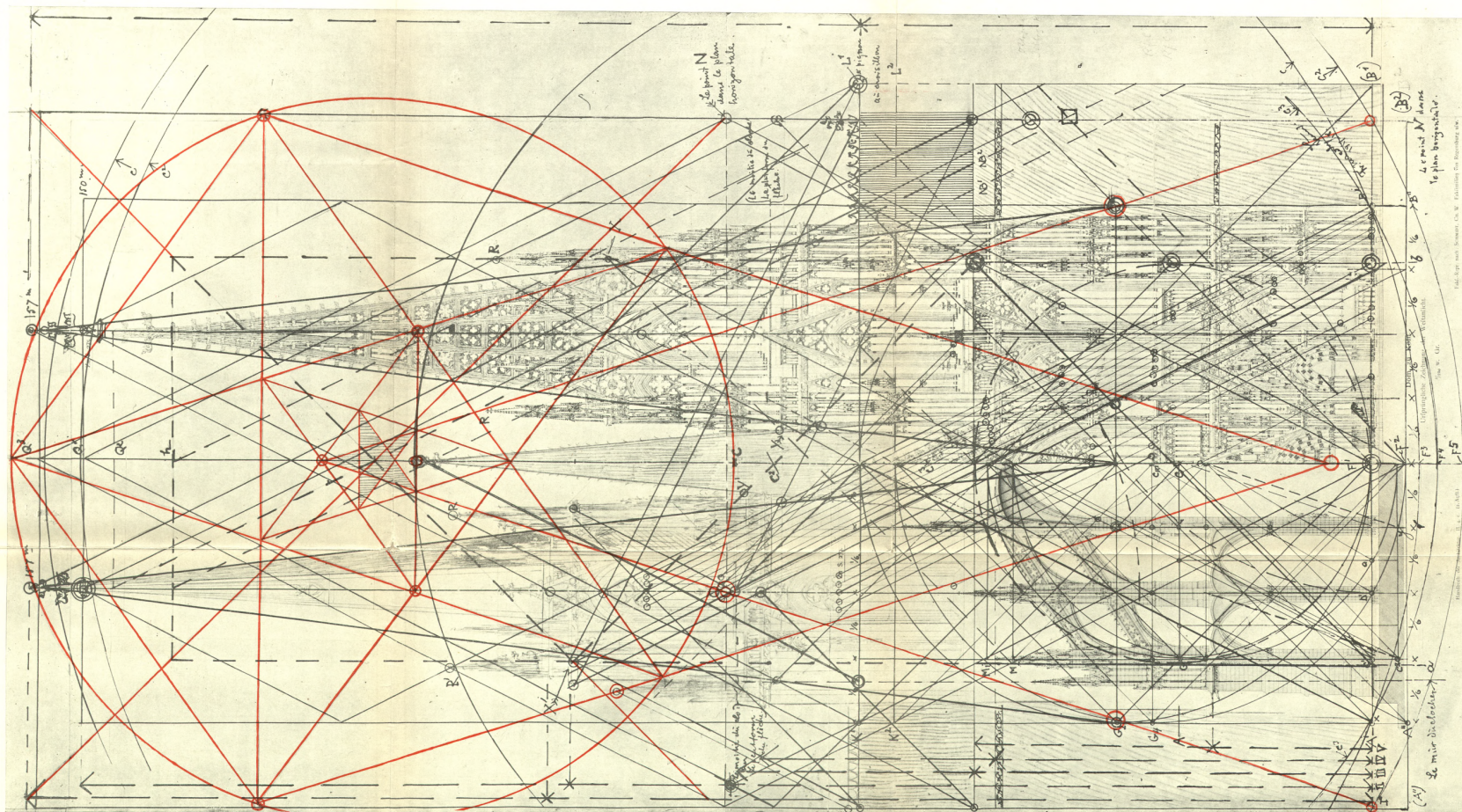


Fig. 76. The cathedral of Cologne. Correction of the medieval drawing of the front.

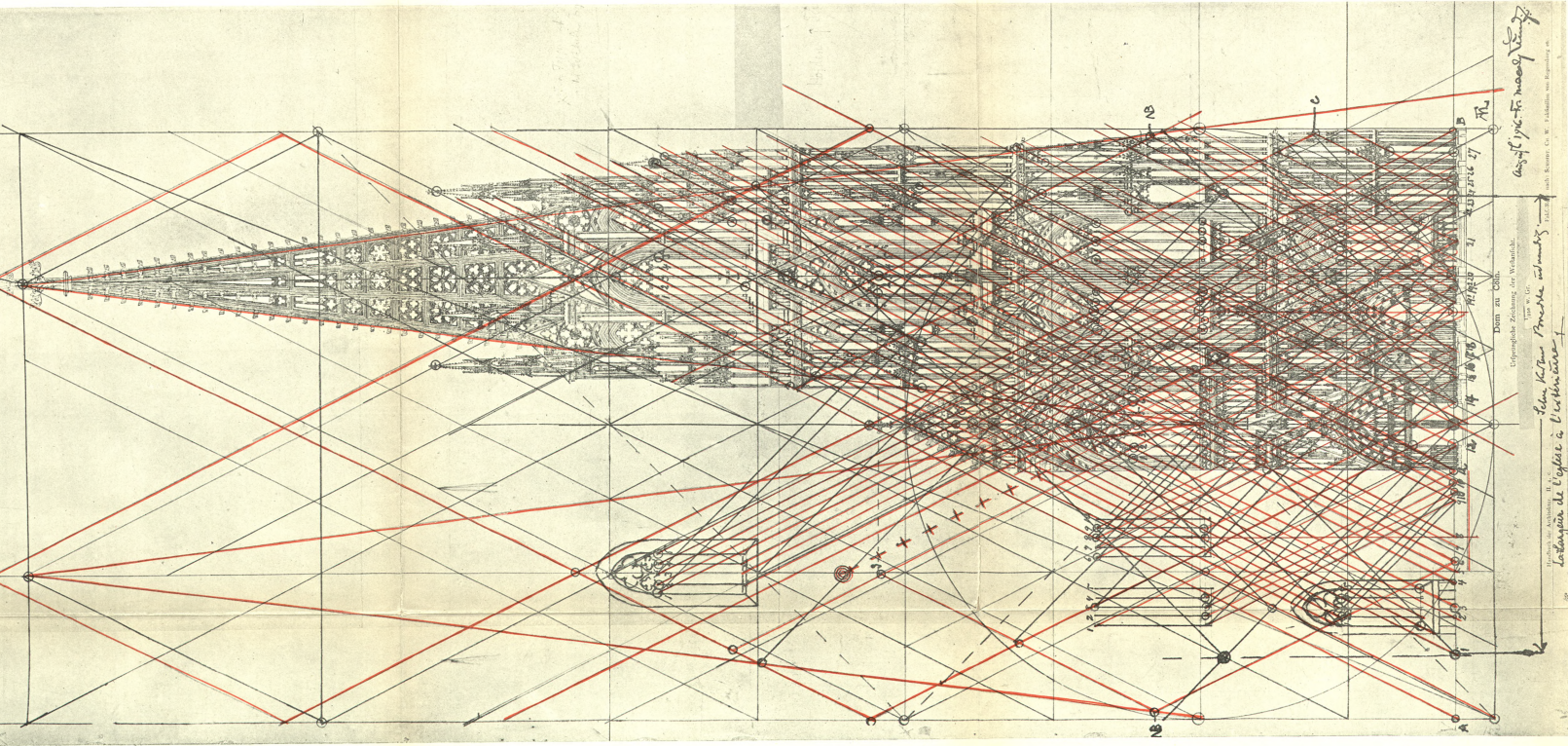


Fig. 78. The cathedral of Cologne. Analysis of the architectural and decorative distribution in the medieval drawing of the post.

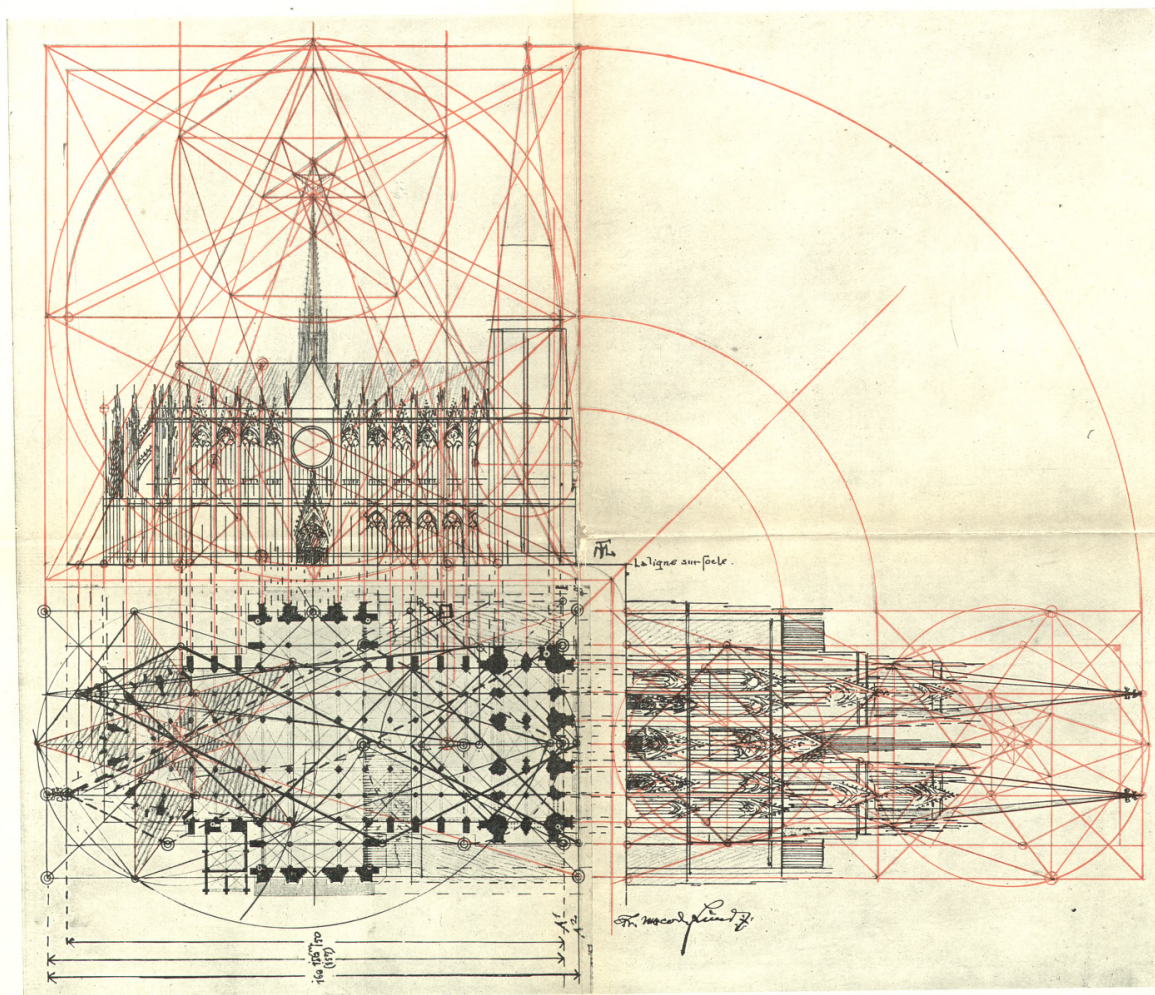
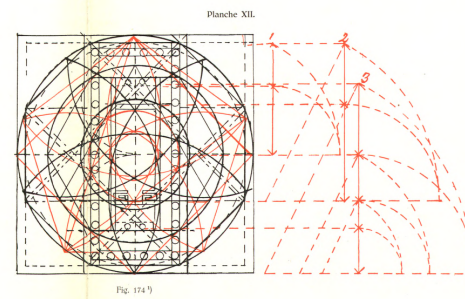
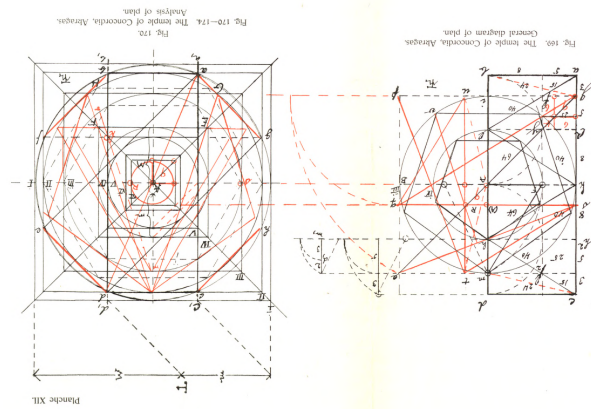
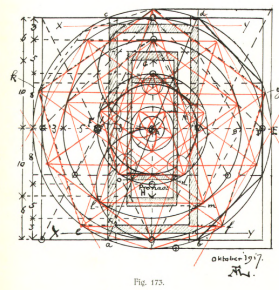
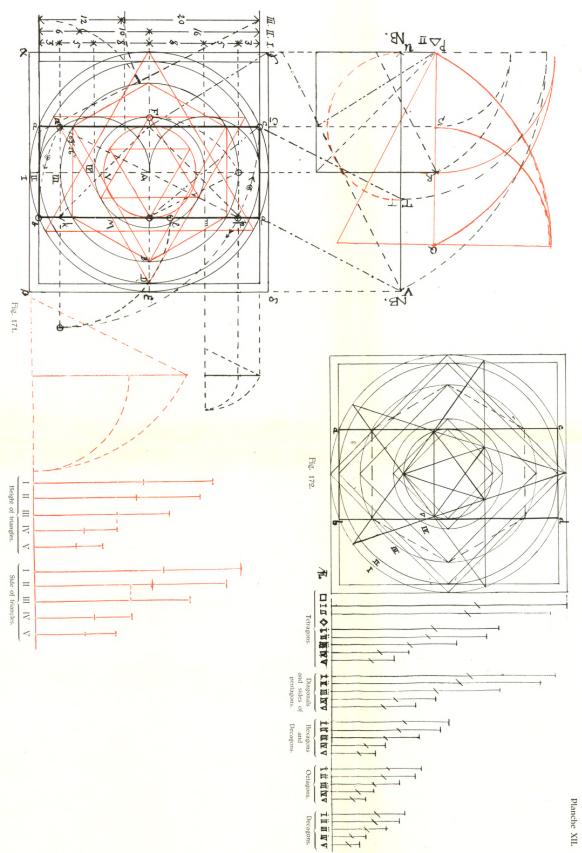


Fig. 79. The cathedral of Cologne. Diagrammatic drawing.



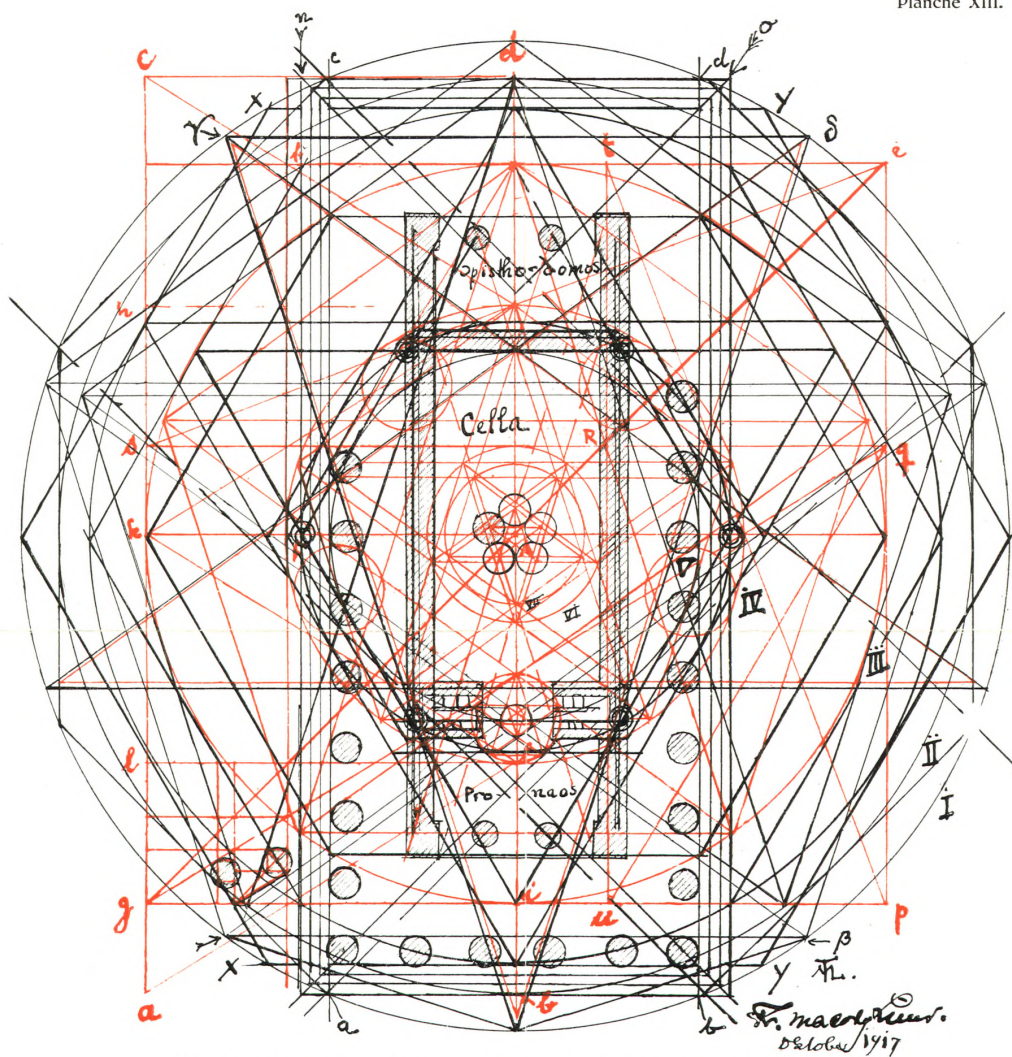


Fig. 175. The temple of Concordia, Agrigento. Collective result of analysis, plate XII.

F. Maerker.
Octobr 1917

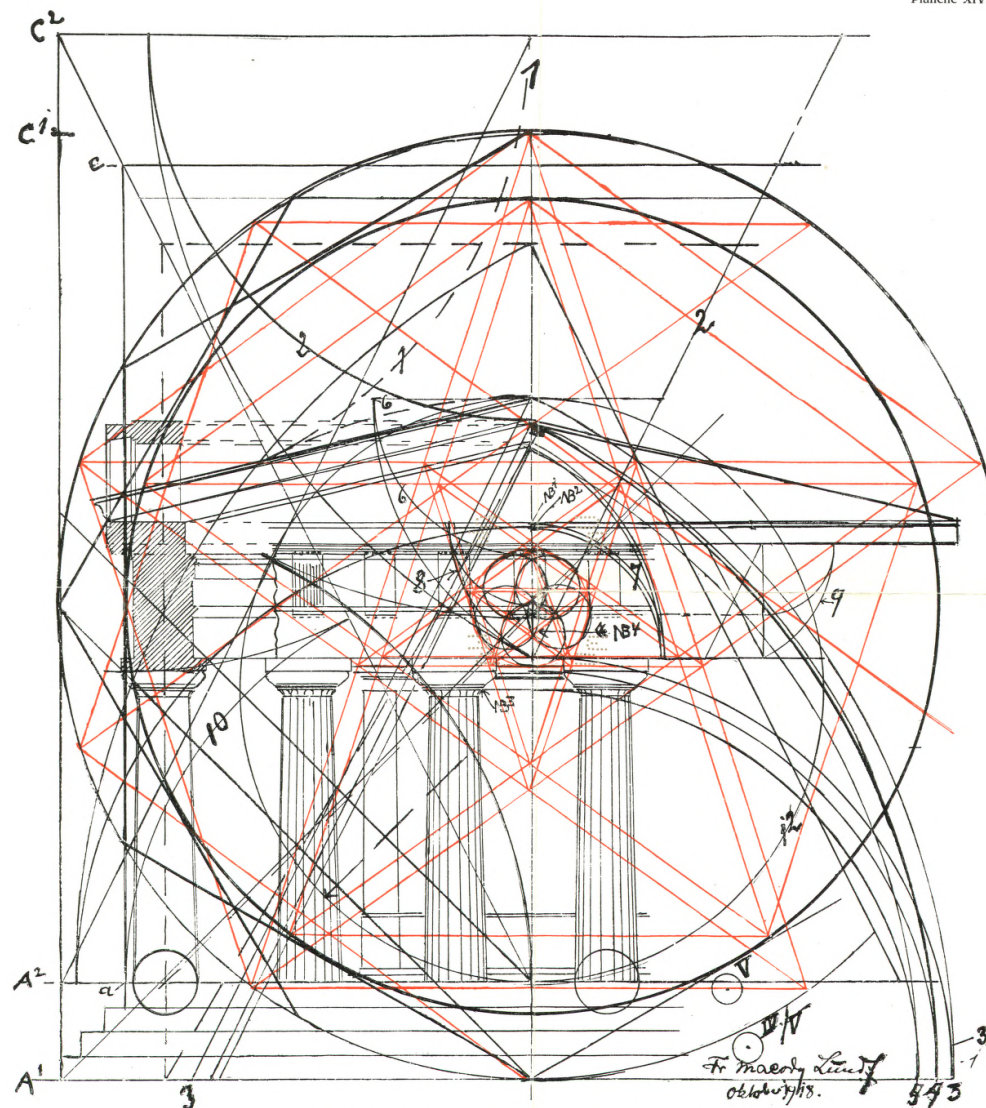


Fig. 177. The temple of Concordia Agrigento. Analysis of the front.

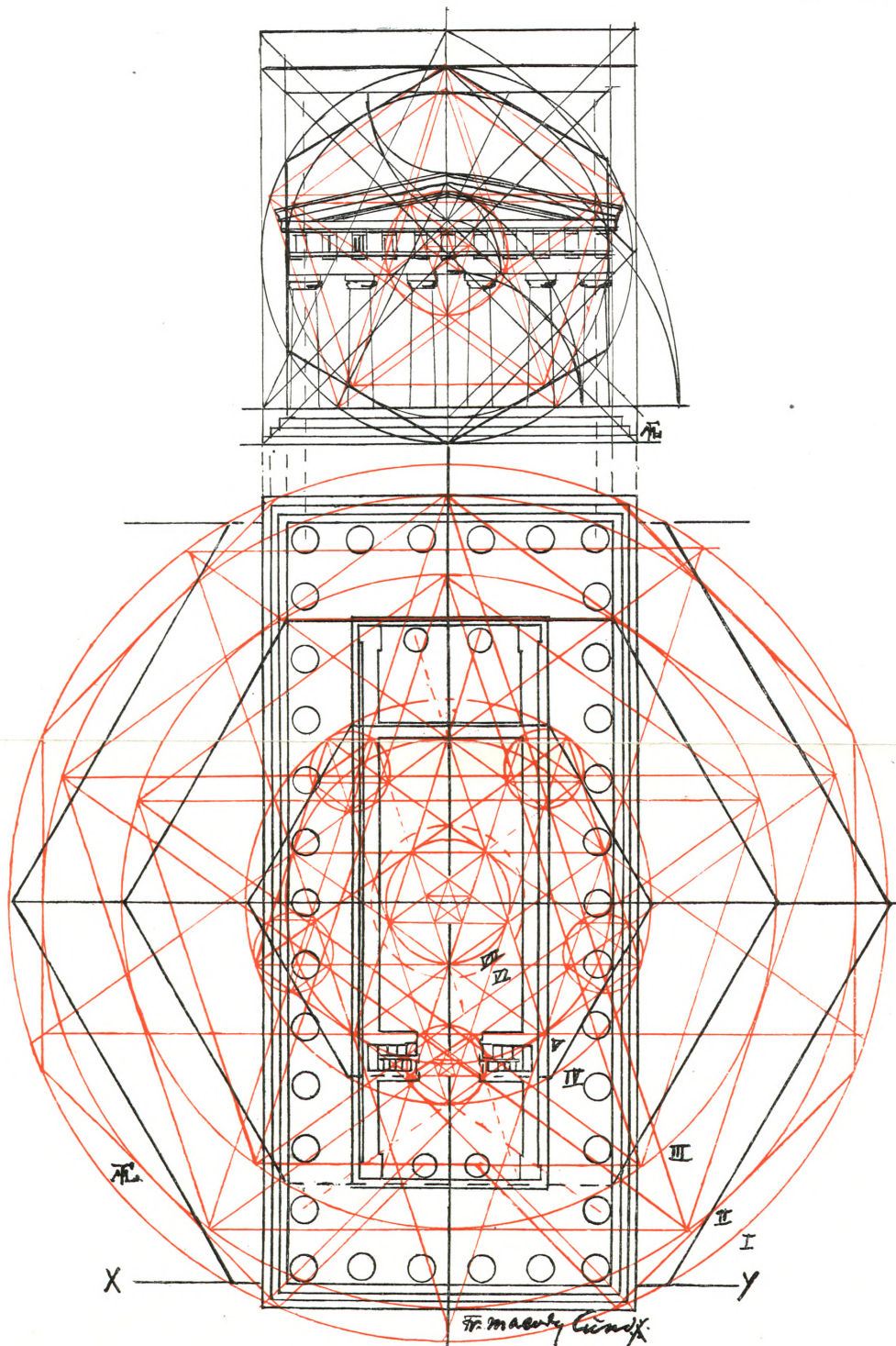


Fig. 179. The temple of Concordia, Agrigento. Plan and elevation of the front.

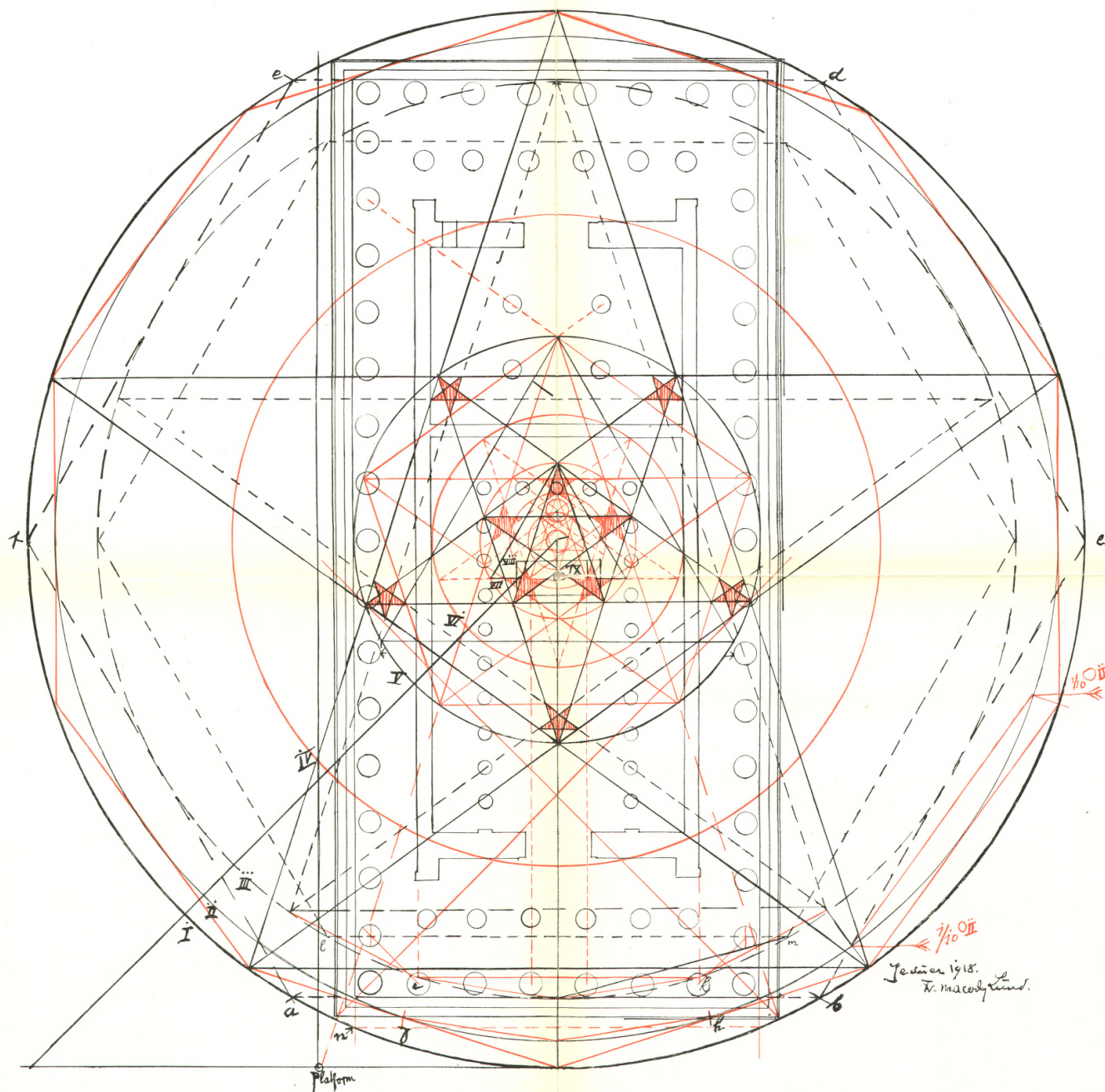
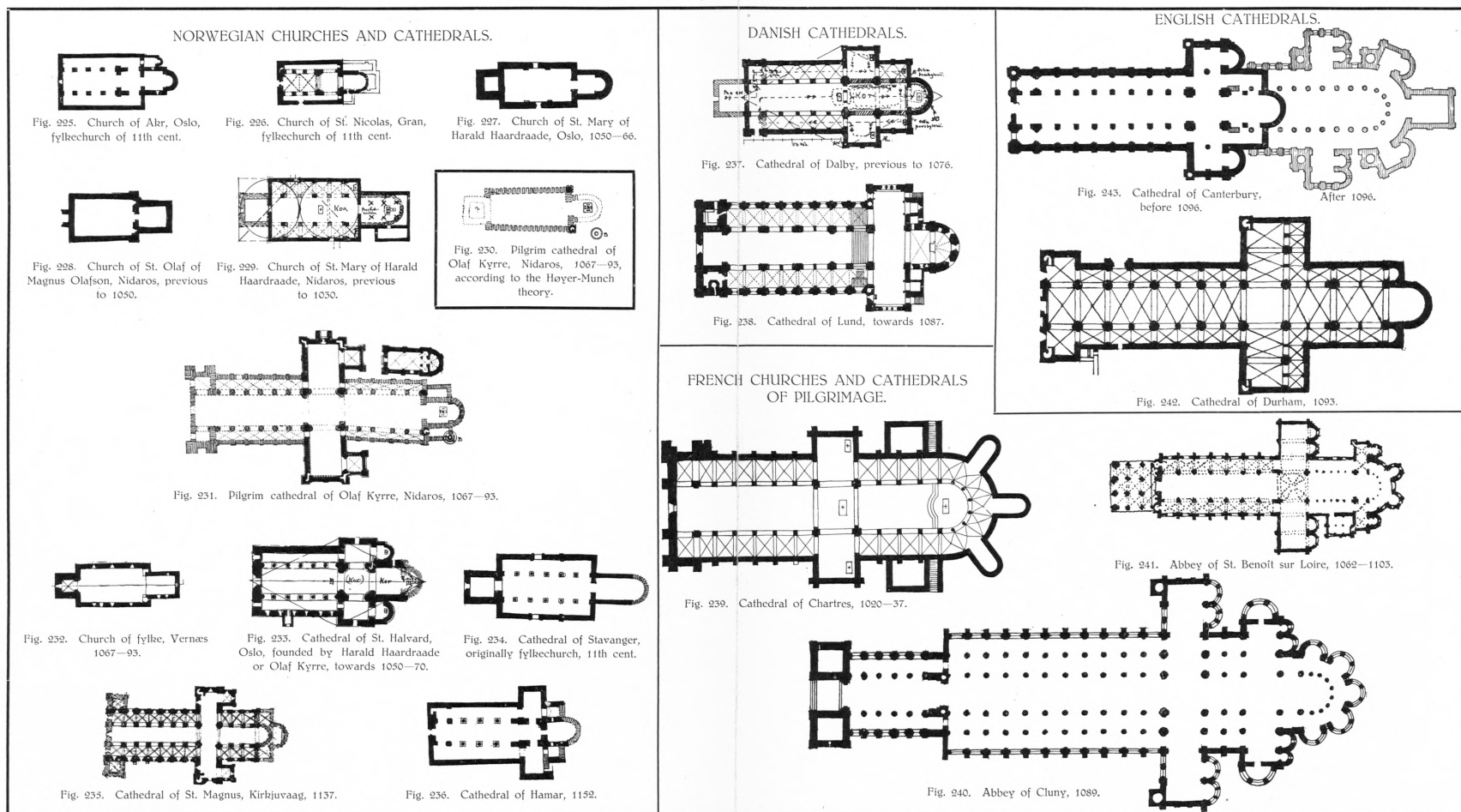


Fig. 181. The Parthenon. Analysis of the plan.

NB. In part of this plan, reproduced page 175, circle *f* has been wrongly marked *h*.

THE PILGRIM CATHEDRAL OF OLAF KYRRE
compared to previous, contemporary and later cathedrals and churches of pilgrimage of Norway, Denmark, France and England.
All the plans at the same scale.

Planche XVII.



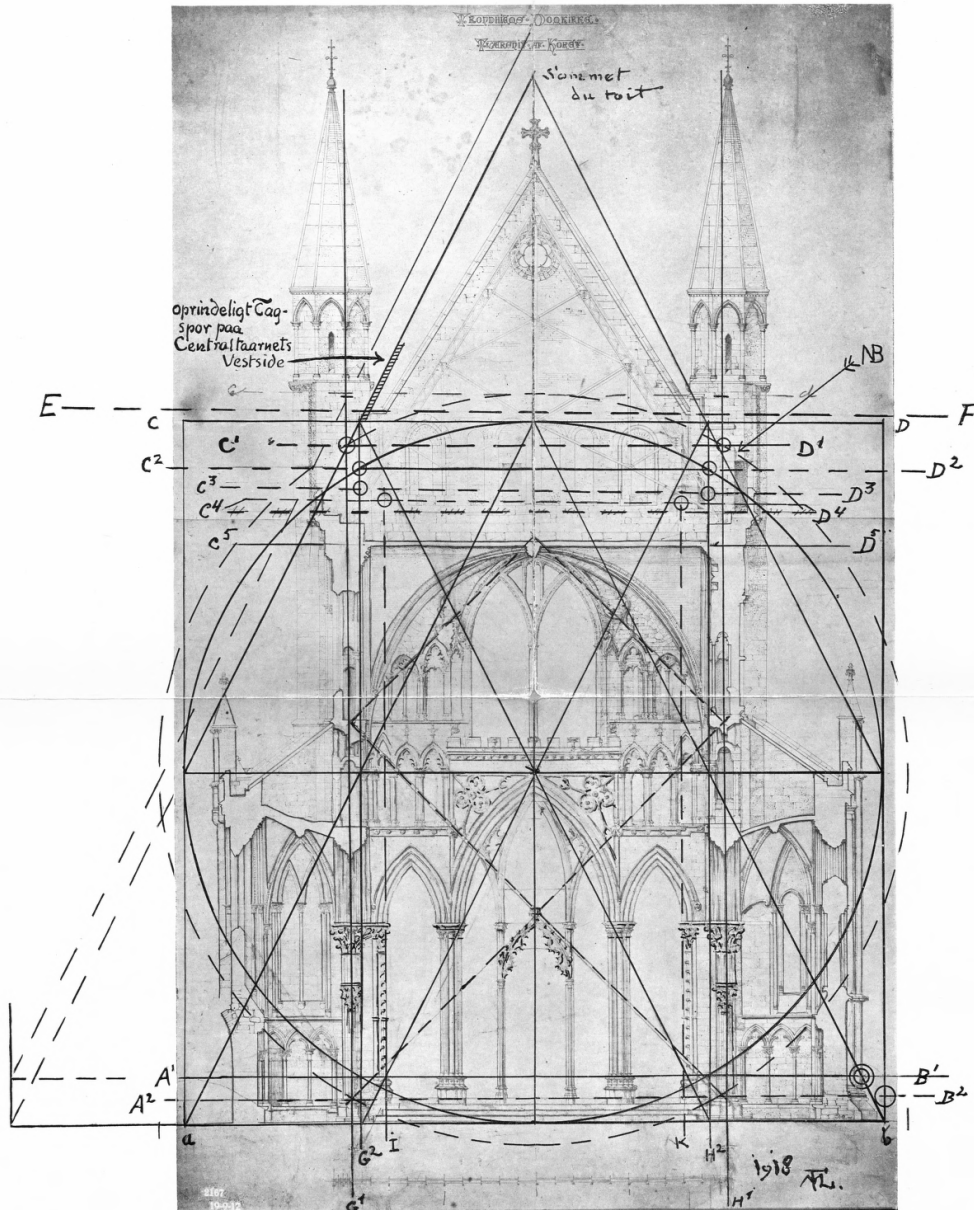


Fig. 286. Cathedral of Nidaros. Transverse section of chancel. Analysis I.

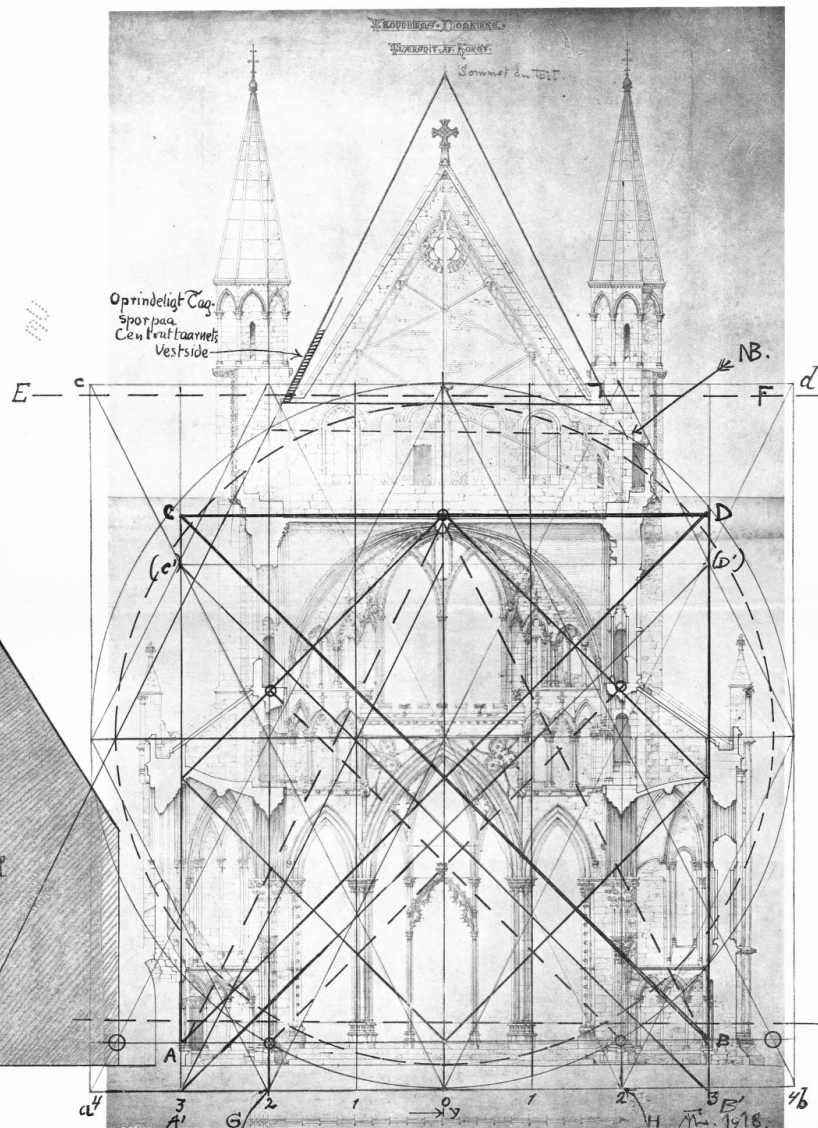


Fig. 287. Transverse section of chancel. Analysis II.

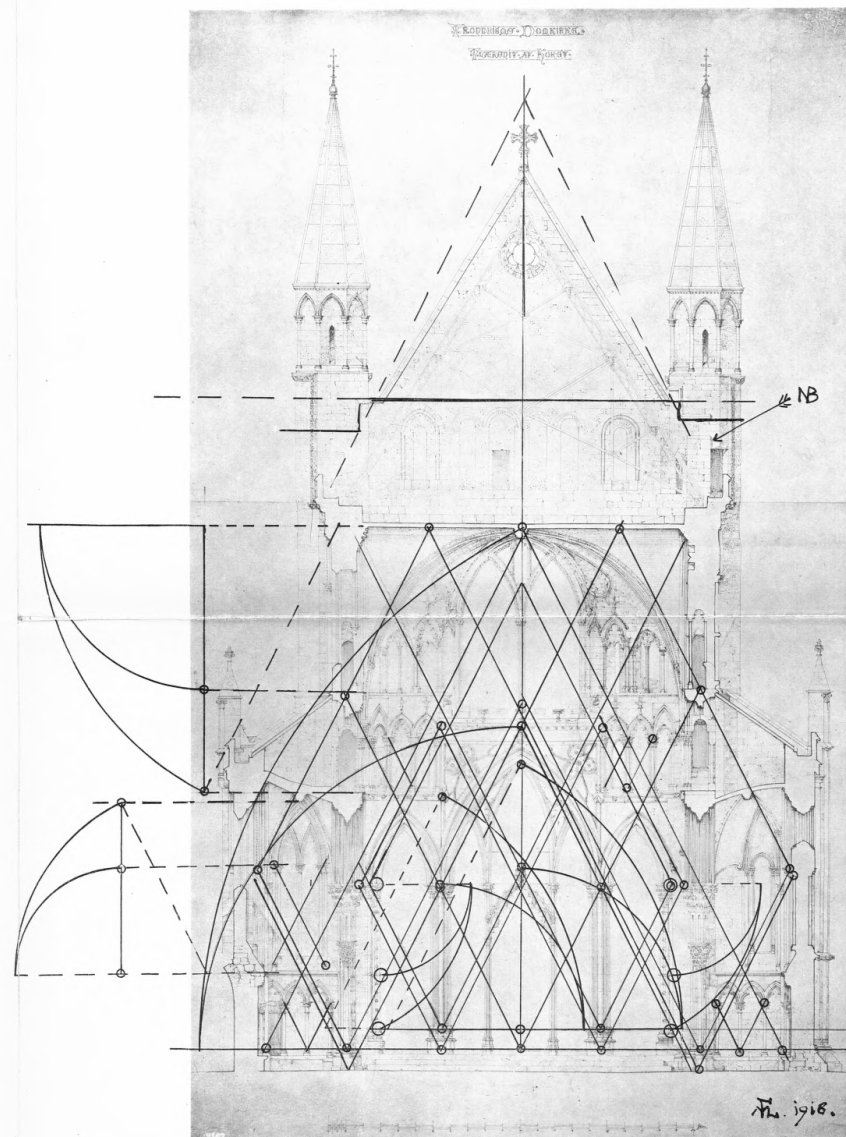


Fig. 288. Transverse section of chancel. Analysis III. Architectonic distribution of the gable.



Det gyldne Snit anvendt paa de
bestaaende Golske Dele fra Middelalderen

PO:OK=OK:KP. TS:SR=SR:RT
NQ:MN=MN:MQ
MQ:QP=QP:MP
LM:LK=LK:KM.

စပ်:ပါး.ပါး:စပ်

Hvælv-og-Klerestorichöjde efter Systemet

Fig. 297. Cathedral of Nidaros. Longitudinal section of the cathedral by Christie, analysis.

Planche XX.



Fig. 310. Cathedral of Nidaros. Longitudinal section reconstructed „ad quadratum“.

Chapman, April 1916.
For master copy
Chapman

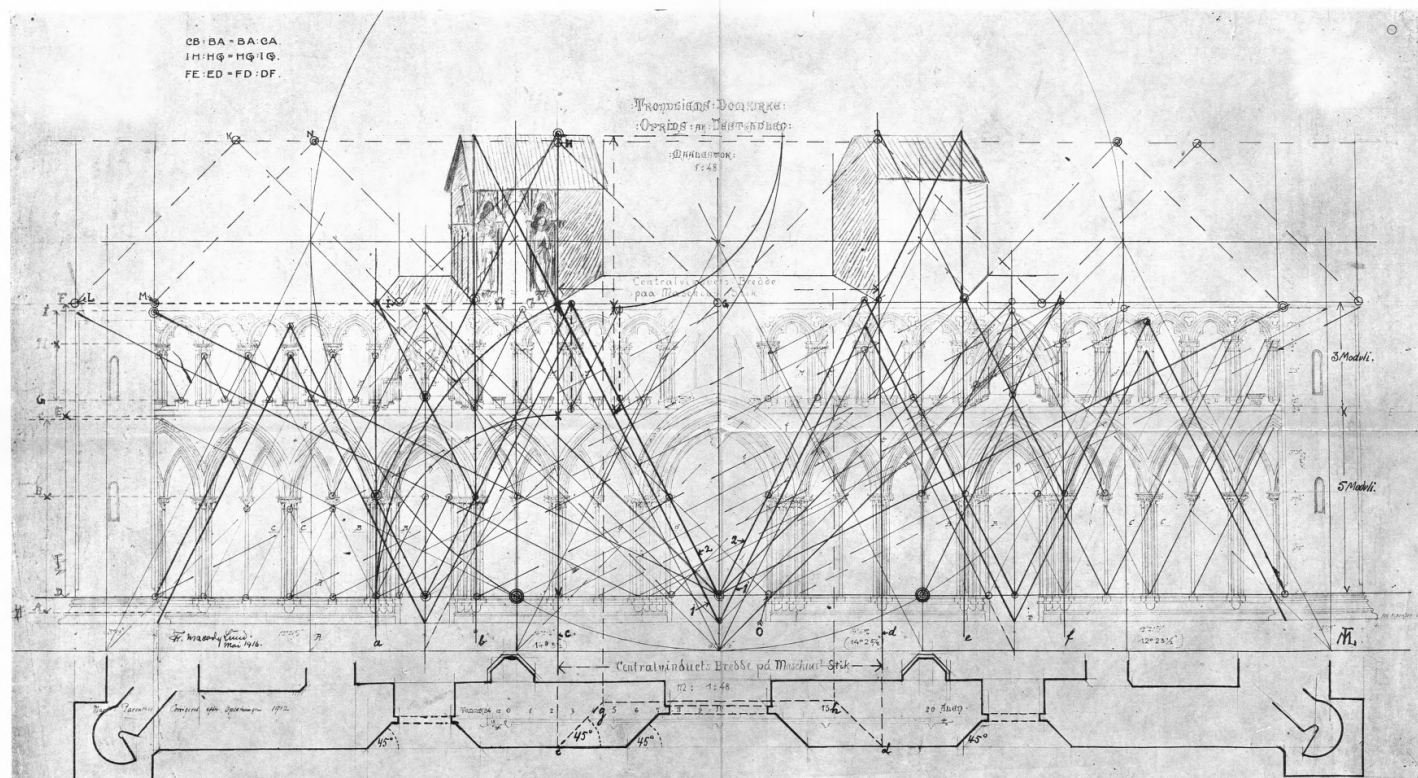


Fig. 307. Cathedral of Nidaros, Analysis of Christie's measurements of the remains of the front in relation to the engraving of Maschius.

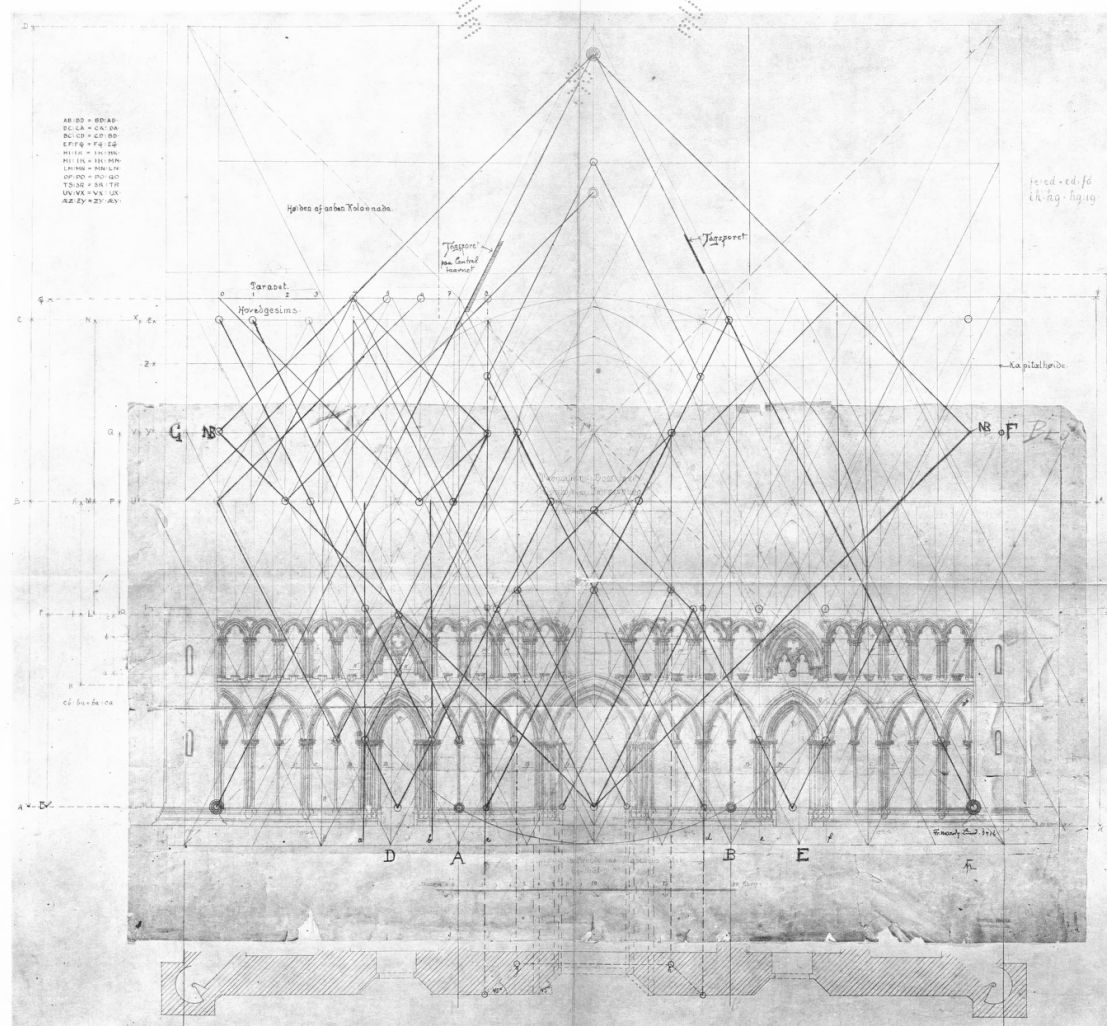


Fig. 314. Cathedral of Nidaros. Theoretical raising of tower and spire.

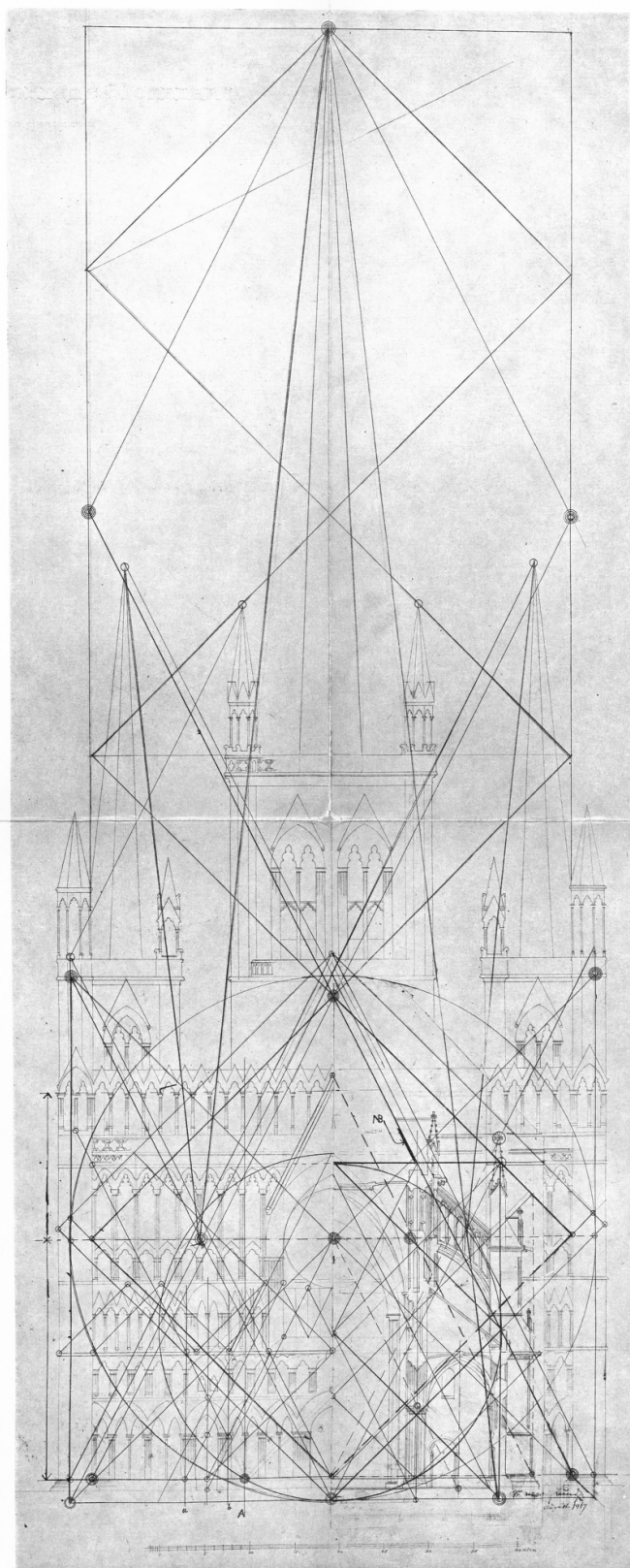


Fig. 315. The front with transverse section of nave introduced.



Fig. 316. Cathedral of Nidaros. The reconstructed screen front.

Christiansen, April 1916.

Fr. massey Lund

Chr. Lamp.

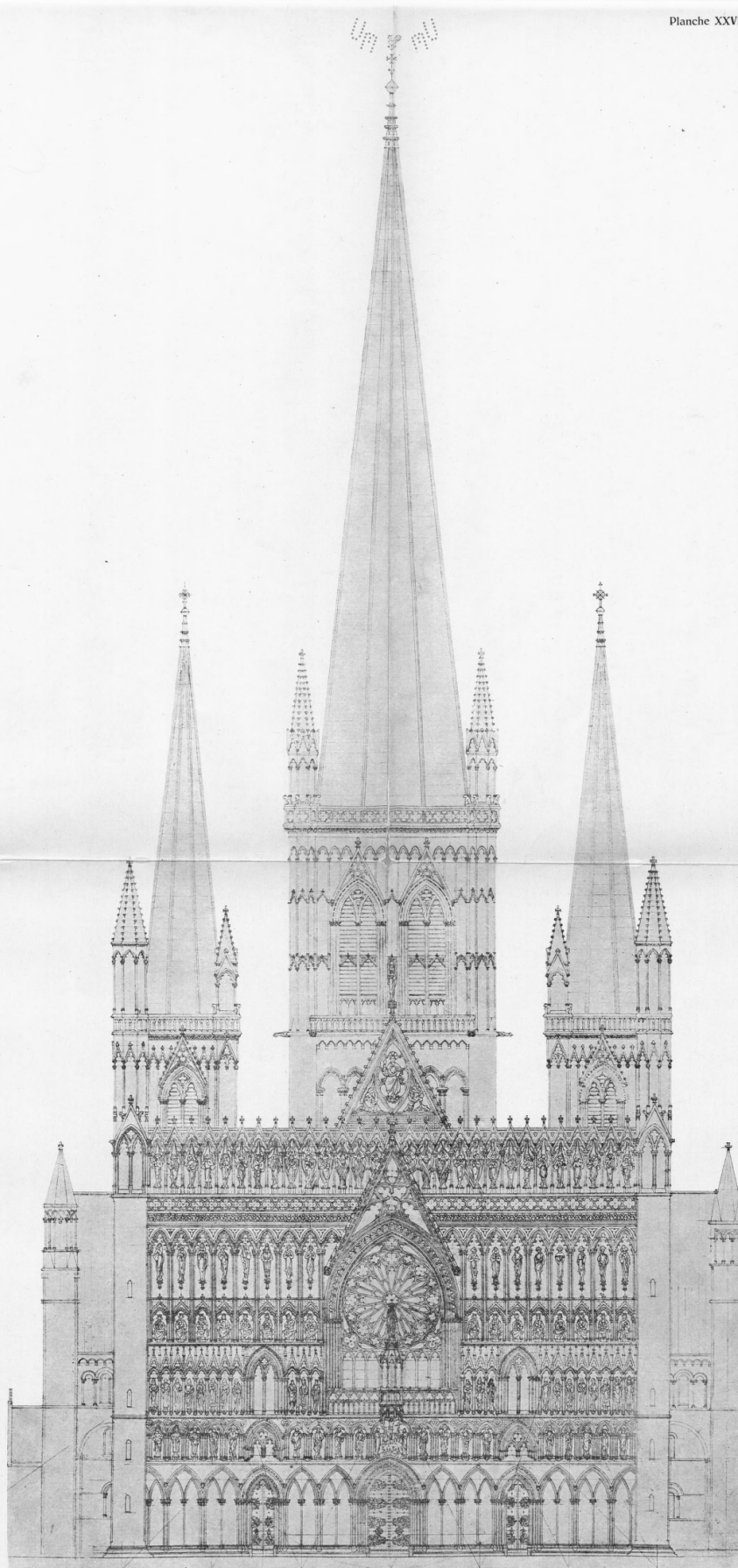


Fig. 317. Cathedral of Nidaros. West front with towers and central tower reconstructed „ad quadratum“.

Christen, April 1916.

Fr. Maas

Original from

Chicago

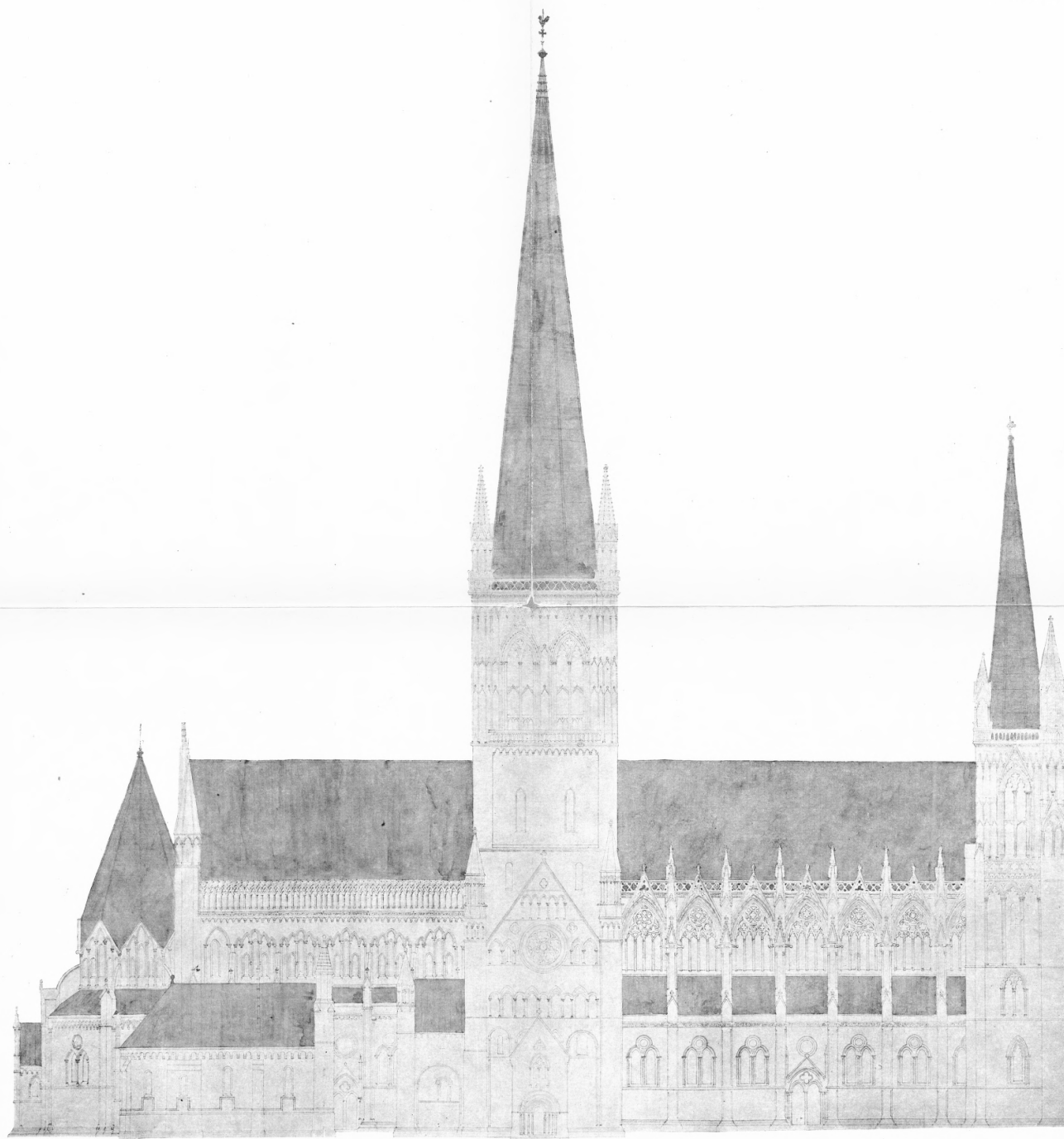


Fig. 325. The front. North elevation. Reconstruction by Macody Lund.

Ch. Br. in. April 1916
Macody Lund
Ch. Br. in.

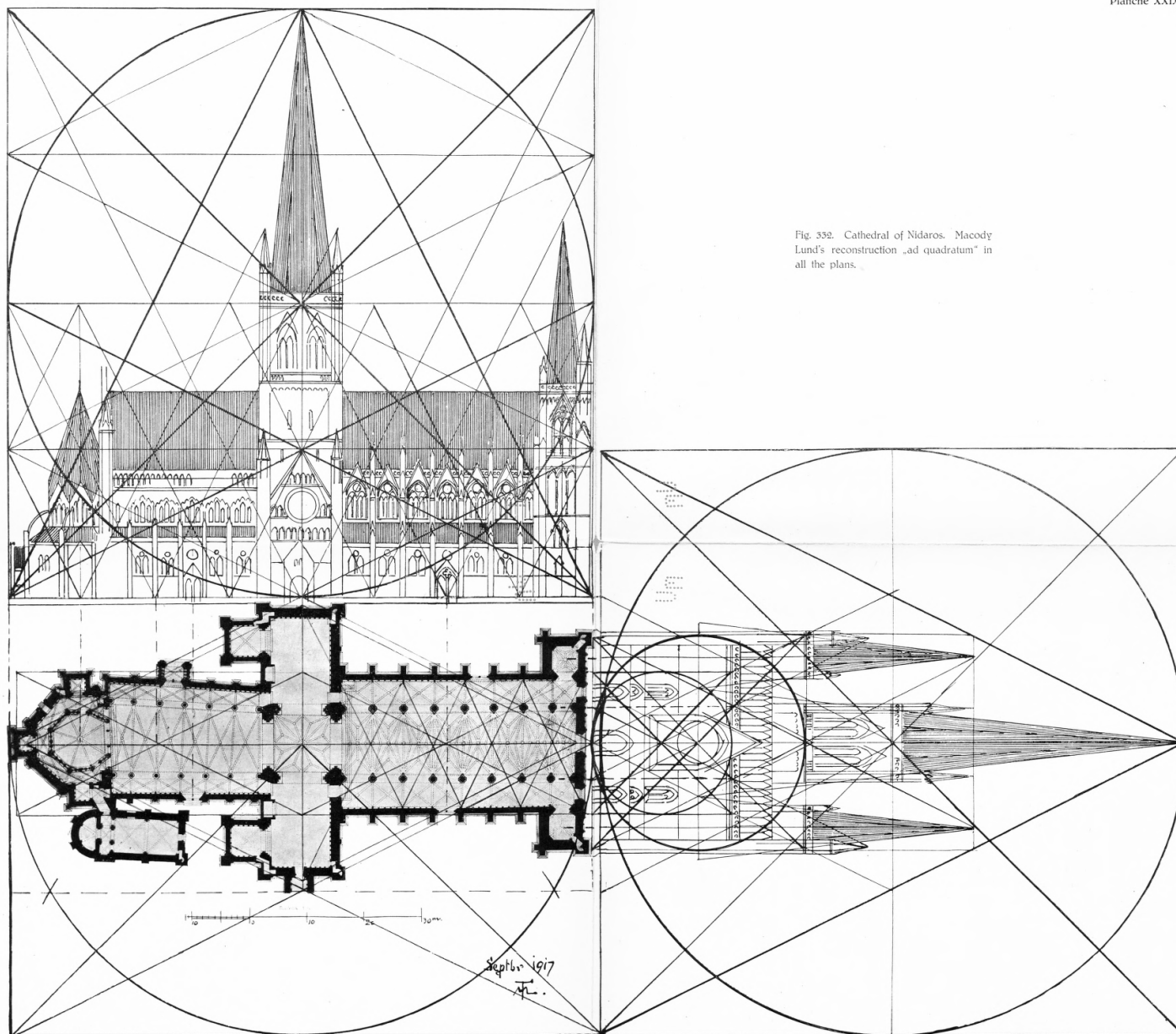


Planche XXIX.

Fig. 332. Cathedral of Nidaros. Macody Lund's reconstruction „ad quadratum“ in all the plans.



Planche XXX a.

Fig. 1-4. Examples of medieval ornamental designs.



Fig. 5.

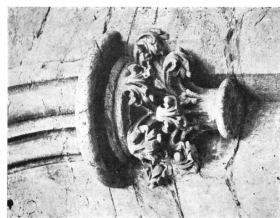


Fig. 6.

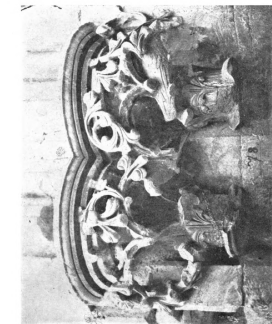


Fig. 7.

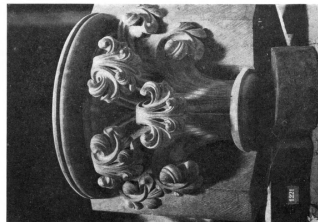


Fig. 8. Example of Carlini's reconstruction.

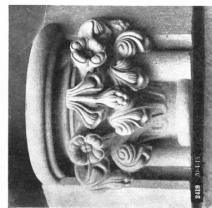


Fig. 9.

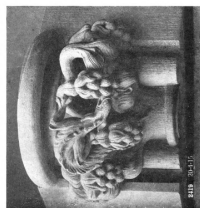


Fig. 10-15.



Fig. 16.

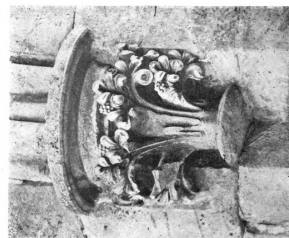


Fig. 17.

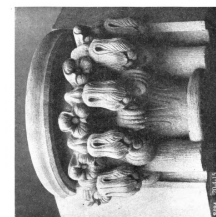


Fig. 18.



Fig. 19.

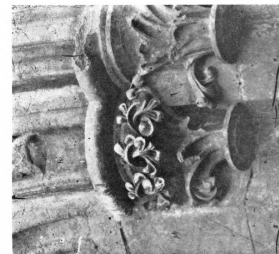


Fig. 20.

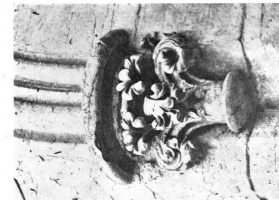


Fig. 21.

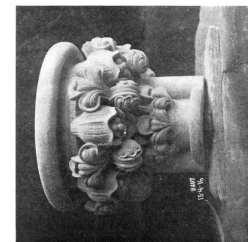


Fig. 22.

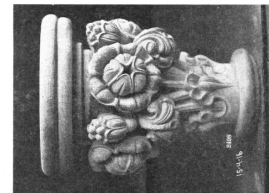


Fig. 23.



Fig. 16.

Fig. 16—22. Examples of Nordhagen's free „attempt“.

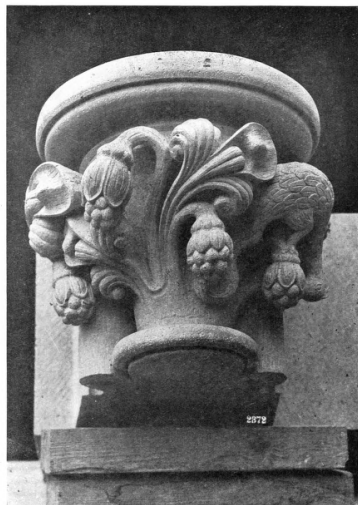


Fig. 17.

Planche XXX b.

Planche XXX b.

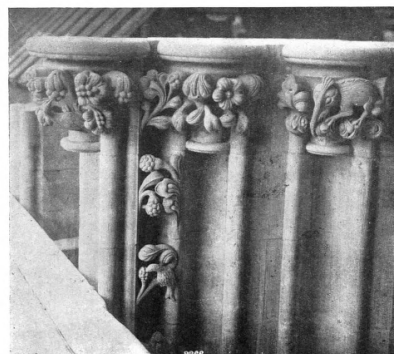


Fig. 20.



Fig. 21.



Fig. 18.



Fig. 19.

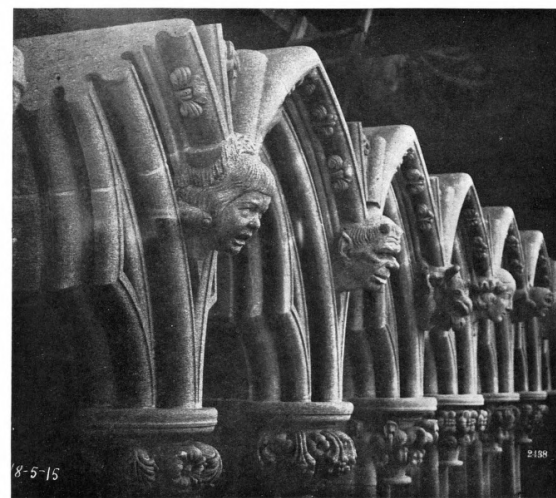


Fig. 22.

